

**NEW**

**Level VI**

**CoC Tier 2**



# 120 Watt Series

Desktop Type

ATS120T - P X X X

P : C6 / C14 ← → O / P Voltage



**Green Mode**  
 CEC, DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCAN & GEMS Level VI  
 No Load Power Consumption Less Than 0.15W

- Features :**
- 100-240VAC Universal Input
  - Single Output to 120W
  - Regulated Output With Low Ripple Noise
  - Safety Agency Requirements and EMI/EMS Certified
  - Private Label Marking Available
  - Modified and Custom Design Available
  - 1 Year Warranty

Output	
Load Regulation	±5% ( Typical )
Ripple	2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection
DC Cord	18AWG/16AWG/14AWG
Ferrite Core	Yes

**Safety Approvals**  
 CB / UL / cUL / FCC / GS / CE / PSE / BSMI

Model	O/P Voltage	O/P Current	Watt
ATS120T-P120	12.0V	9.00A	108W
ATS120T-P150	15.0V	8.00A	120W
ATS120T-P160	16.0V	7.50A	120W
ATS120T-P180	18.0V	6.60A	120W
ATS120T-P190	19.0V	6.30A	120W
ATS120T-P200	20.0V	6.00A	120W
ATS120T-P240	24.0V	5.00A	120W
ATS120T-P300	30.0V	4.00A	120W
ATS120T-P480	48.0V	2.50A	120W
ATS120T-P560	56.0V	2.14A	120W

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3 Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCAN & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Input	
Voltage	100-240VAC
Line Frequency	47 - 63Hz
Current	1.6A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C14

Environmental	
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical	
Case Dimension	L 168 × W 66 × H 39 (mm) ( Ref. )
Weight	590 g ( Ref. )